

## CHECKLIST ENVIRONMENTAL ASSESSMENT

<b>Project Name:</b>	NRCS EQIP Sargent
<b>Proposed Implementation Date:</b>	Fall 2013
<b>Proponent:</b>	Sargent Ranches Inc.
<b>Location:</b>	T5N, R17E, Sec36
<b>County:</b>	Golden Valley
<b>Trust:</b>	Common Schools

### I. TYPE AND PURPOSE OF ACTION

Construct a stock water pipeline and stock tank to provide off-stream water development for a reliable, adequate water source,

### II. PROJECT DEVELOPMENT

#### 1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:

*Provide a brief chronology of the scoping and ongoing involvement for this project.*

Sargent Ranches Inc – DNRC Lessee  
NRCS – Big Timber Office

#### 2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:

None.

#### 3. ALTERNATIVES CONSIDERED:

No Action  
Project Approval

### III. IMPACTS ON THE PHYSICAL ENVIRONMENT

- *RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.*
- *Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.*
- *Enter "NONE" if no impacts are identified or the resource is not present.*

#### 4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:

*Consider the presence of fragile, compactable or unstable soils. Identify unusual geologic features. Specify any special reclamation considerations. Identify any cumulative impacts to soils.*

Soils are stable, No cumulative impacts to soils

#### 5. WATER QUALITY, QUANTITY AND DISTRIBUTION:

*Identify important surface or groundwater resources. Consider the potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality. Identify cumulative effects to water resources.*

The project will improve livestock and wildlife drinking water quality and dependability. No cumulative effects to the water resource.

**6. AIR QUALITY:**

*What pollutants or particulate would be produced? Identify air quality regulations or zones (e.g. Class I air shed) the project would influence. Identify cumulative effects to air quality.*

Minimal, the pipeline will be ripped into the soil with little surface disturbance. No cumulative effects to air quality.

**7. VEGETATION COVER, QUANTITY AND QUALITY:**

*What changes would the action cause to vegetative communities? Consider rare plants or cover types that would be affected. Identify cumulative effects to vegetation.*

No cumulative effects to vegetation.

**8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS:**

*Consider substantial habitat values and use of the area by wildlife, birds or fish. Identify cumulative effects to fish and wildlife.*

The stock tank will have wildlife escape ramps, I expect minimal cumulative effects to wildlife and none to fish.

**9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES:**

*Consider any federally listed threatened or endangered species or habitat identified in the project area. Determine effects to wetlands. Consider Sensitive Species or Species of special concern. Identify cumulative effects to these species and their habitat.*

The sage grouse is a species of special concern.

A review of the 2011 ArcGis data base shows 3 sage grouse leks approximately 1+ miles NW, S & E of the proposed stock tank location. No cumulative effects to habitat are anticipated.

**10. HISTORICAL AND ARCHAEOLOGICAL SITES:**

*Identify and determine effects to historical, archaeological or paleontological resources.*

The NRCS conducted a field survey of the project area where no cultural properties (sites) were found resulting in a negative findings report.

**11. AESTHETICS:**

*Determine if the project is located on a prominent topographic feature, or may be visible from populated or scenic areas. What level of noise, light or visual change would be produced? Identify cumulative effects to aesthetics.*

None

**12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:**

*Determine the amount of limited resources the project would require. Identify other activities nearby that the project would affect. Identify cumulative effects to environmental resources.*

The project is an off-source water development, there would be no cumulative effects to environmental resources. It might even lessen the impact on the surface ground water sites.

**13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA:**

*List other studies, plans or projects on this tract. Determine cumulative impacts likely to occur as a result of current private, state or federal actions in the analysis area, and from future proposed state actions in the analysis area that are under MEPA review (scoped) or permitting review by any state agency.*

None

#### IV. IMPACTS ON THE HUMAN POPULATION

- RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.
- Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.
- Enter "NONE" if no impacts are identified or the resource is not present.

**14. HUMAN HEALTH AND SAFETY:**

*Identify any health and safety risks posed by the project.*

None

**15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:**

*Identify how the project would add to or alter these activities.*

Off-stream water development may help in livestock weight gains.

**16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT:**

*Estimate the number of jobs the project would create, move or eliminate. Identify cumulative effects to the employment market.*

None

**17. LOCAL AND STATE TAX BASE AND TAX REVENUES:**

*Estimate tax revenue the project would create or eliminate. Identify cumulative effects to taxes and revenue.*

None

**18. DEMAND FOR GOVERNMENT SERVICES:**

*Estimate increases in traffic and changes to traffic patterns. What changes would be needed to fire protection, police, schools, etc.? Identify cumulative effects of this and other projects on government services*

None

**19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:**

*List State, County, City, USFS, BLM, Tribal, and other zoning or management plans, and identify how they would affect this project.*

None

**20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:**

*Identify any wilderness or recreational areas nearby or access routes through this tract. Determine the effects of the project on recreational potential within the tract. Identify cumulative effects to recreational and wilderness activities.*

There is no legal access to the state tract. Limited recreation potential. Minimal cumulative effects to recreational and wilderness activities.

**21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:**

*Estimate population changes and additional housing the project would require. Identify cumulative effects to population and housing*

None

**22. SOCIAL STRUCTURES AND MORES:**

*Identify potential disruption of native or traditional lifestyles or communities.*

None

**23. CULTURAL UNIQUENESS AND DIVERSITY:**

*How would the action affect any unique quality of the area?*

None

**24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:**

*Estimate the return to the trust. Include appropriate economic analysis. Identify potential future uses for the analysis area other than existing management. Identify cumulative economic and social effects likely to occur as a result of the proposed action.*

None but it could lessen the impact of livestock utilizing the intermittent stream sites.

<b>EA Checklist Prepared By:</b>	<b>Name:</b> Bill Baumgartner
	<b>Title:</b> Land Use Specialist, DNRC
<b>Signature:</b>	
<b>Date:</b>	

**V. FINDING****25. ALTERNATIVE SELECTED:**

Project Approved

**26. SIGNIFICANCE OF POTENTIAL IMPACTS:**

Provides a reliable, adequate water source for livestock and wildlife

**27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:**

<input type="checkbox"/>	EIS	<input type="checkbox"/>	More Detailed EA	<input checked="" type="checkbox"/>	No Further Analysis
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<b>EA Checklist Approved By:</b>	<b>Name:</b> Barny Smith
	<b>Title:</b> Lewistown Unit Manager, DNRC
<b>Signature:</b>	
<b>Date:</b>	